

**AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph beginning on page 8, line 4, with the following  
rewritten paragraph:

a1 -- Figures 3A-3B show design of the targeting construct used to disrupt NOR1  
genes. Figure 3B shows the sequences identified as SEQ ID NO:5 and SEQ ID NO:6,  
which were used as the targeting arms (homologous sequences) in the NOR1 targeting  
construct.. --

Please replace the paragraph beginning on page 47, line 9, with the following  
rewritten paragraph:

a2 -- To investigate the role of NOR1, disruptions in NOR1 genes were produced by  
homologous recombination. Briefly, as shown in Figure 3, a NOR1 targeting construct  
having the ability to disrupt or modify NOR1 genes was created using as the targeting  
arms (homologous sequences) in the construct, the oligonucleotide sequences identified  
herein as SEQ ID NO:5 or SEQ ID NO:6. --